



White Bay 6 Marine Park & Refuelling Facility

Pollution Incident Response Plan

White Bay 6 Wharf, Balmain, NSW 2041

1 Pollution Incident Response Plan

1.1 Compliance

White Bay 6 Pty Ltd (White Bay 6) holds an Environment Protection Licence (Number 20144) with the NSW Environment Protection Authority (EPA) for White Bay, Berth 6. The Scheduled Activity on the Licence is for Marinas and Boat Repairs and the Fee Based Activity is for boat construction/maintenance (general). As per the *Protection of the Environment Operations Act 1997* (the POEO Act), the holder of an Environment Protection Licence must prepare, keep, test and implement a pollution incident response management plan (PIRMP) that complies with Part 5.7A of the POEO Act in relation to the activity to which the licence relates.

If a pollution incident occurs in the course of an activity so that material harm to the environment (within the meaning of section 147 of the POEO Act) is caused or threatened, the person carrying out the activity must **immediately** implement this plan in relation to the activity required by Part 5.7A of the POEO Act.

This PIRMP has been prepared in compliance with the POEO Act and should be read in conjunction White Bay 6 Quick Reference Emergency Response Plan. Emergency Response Plans are maintained for the site, these plans include drawings and schematics of the site and location of emergency equipment.

1.2 Description and likelihood of hazards

A risk assessment of the site has been completed and is maintained in the WB6 Integrated Management System FRM-012 HSEQ Risk Register. Key pollutants identified on site are included in the Table 1.

Table 1. Inventory of key pollutants

Pollutant	Quantity	Storage Description
Diesel fuel	350,000 litres	3 x 100,000 litre and 1 x 50,000 litre underground tanks, pipeline and automatic dispenser/cabinets
Unleaded fuel	100,000 litres	1 x 50,000 litre underground tanks, pipeline and automatic dispenser/cabinets
Hazardous materials (e.g. antifoul paint) used for vessel maintenance	Varies	Tins of various quantities stored in a dedicated bunded chemical storage shed

The risk assessment identified hazards associated with potential pollution incidents including:

- Fuel spill on land;
- Fuel spill to water;
- Fire and explosion; and

- Hazardous material spill on hardstand with potential to reach waterways.

1.3 Pre-emptive Action to be Taken

1.3.1 Land Side Spill - Fuel

A spill retention area under the fuel delivery tanker has been installed around the fuel tanker delivery area to retain any spills. This area also contains a drain valve that is operated by the tanker driver during delivery periods. The valve will be opened prior to delivery and closed on completion of delivery. The area will drain to an underground waste tank located adjacent to the fuel tanks (**Error! Reference source not found.1**).

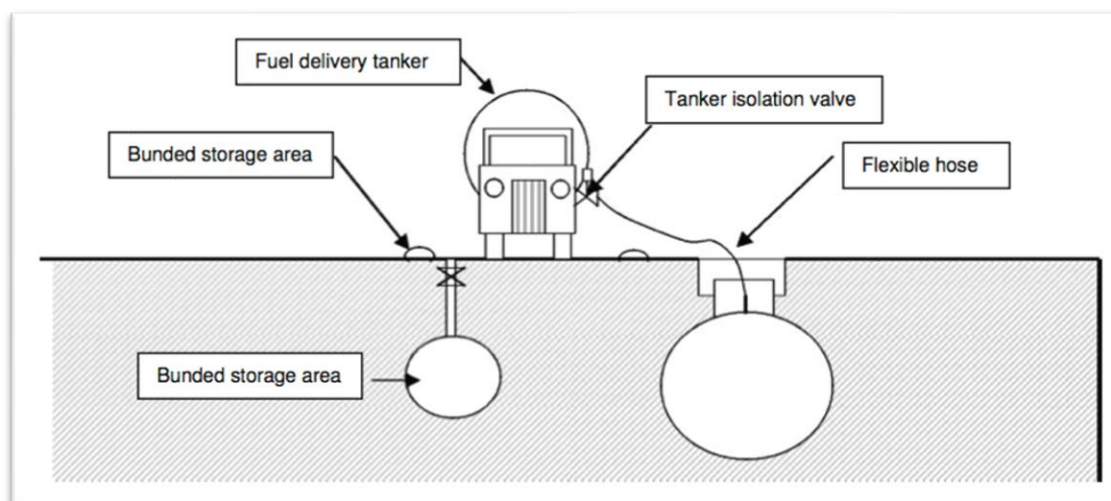


Figure 1. Spill retention schematic for land side spill

1.3.2 Spill to Water - Fuel

In the event of an un-ignited release of fuel that spills into the adjacent berth area, a floating boom will be immediately deployed, containing any potential fuel spread towards vessels moored in the area or into the harbour itself. Operators will be trained in the implementation of the boom deployment procedure which will be documented and stored together with the boom itself.

Port Authority NSW will be notified immediately for assistance in maintaining spill control.

1.3.3 Fire Prevention and Management Measures

Prevention measures have been implemented on site for risks identified for fire and explosion and are included in FRM-012 HSEQ Risk Register. Emergency Stops are located on all fuel dispensing equipment and pipeline isolation valves allow for the containment of fuel in the event of an incident. In accordance with the site Emergency Response Manual, spills will be controlled, contained and cleaned up immediately and all potential sources of ignition will be removed.

Regular inspection and maintenance of all fire fighting equipment occurs on site in accordance with Australian Standards.

Training for fire response has been undertaken by employees who are nominated as part of the Emergency Response Team on site.

1.3.4 Spill on Hardstand – Hazardous Materials

Paint or hazardous materials are contained in tins and are stored in plastic tubs while used on the hardstand to contain any accidental spills while being applied to vessels. If a spill was to occur, absorbent material from the spill kit would be utilised and any waste would be contained in a designated hazardous waste bag for removal by a licenced hazardous waste removal contractor. When not in use, antifoul paint is stored in a designated bunded chemical storage area.

1.4 Spill Response and Safety Equipment

Spill absorbent material is located in spill kits located in the main office area, at the fuel tank filling point, on the wharf in the fuel dispensing area and on the hardstand near the slipway.

Safety Data Sheets (SDS) detailing action to be taken to safely control spills of hazardous materials and Dangerous Goods are available in the main office at the site and in the emergency box located at the site gate. A containment boom will be available on the wharf for deployment for spills to water.

Fire equipment is located on site including portable fire extinguishers and fire hose reels. Location of equipment and type of equipment is listed in the Emergency Response Plan.

1.5 Procedure

1.5.1 Immediate Response

Any accidental spill of fuel, oil or chemicals into the local storm water system or waterway or an uncontrolled release of dirty water from a water quality control structure or bunded area will be handled in accordance with the following procedure:

- Notify the General Manager;
- Stop the source of the spill immediately if safe to do so;
- Contain the spill and control its flow using the site spill kit;
- If possible, act quickly to intercept discharge before it enters waterway with an earth bund or sock from spill kit;
- Spread absorbent material from spill kit to soak up spill;
- If discharge enters waterway and mixes with water, isolate it using booms. General Manager to notify relevant Authorities immediately; and
- If a significant sediment spill occurs the General Manager will engage a vacuum truck immediately to clean up the spill. Port Authority NSW and EPA will be contacted immediately to report the incident.

1.5.2 Evacuation

Evacuation procedure will be applied should there pose a risk to the health and safety of people on site. Evacuation procedures are detailed in the Emergency Response Plan.

1.6 Emergency contacts

All site personnel and sub-contractors will be made aware of emergency contacts, as listed in **Error! Reference source not found.2**, and emergency procedures during site induction. As a requirement of the POEO Act, pollution incidents are required to be reported to agencies including the EPA, NSW Health, Fire and Rescue NSW, SafeWork NSW and Council. Port Authority shall also be contacted immediately.

Table 2. Emergency Contact List

Emergency Contact	Phone Number
Fire	000 or (02) 9818 2348 Balmain Fire Station
Ambulance	000
Police	000 or (02) 9556 0624 Balmain Police Station
State Emergency Services (Flood, Storm and Tsunami)	132 500
Fire and Rescue NSW	(02) 9265 2999
Site Manager – Lorraine Yates	0417 593 671
Port Authority	(02) 9296 4999 (24/7)
SafeWork NSW	13 10 50
EPA 24 Hr Pollution Incidents	131 555
Royal Prince Alfred Hospital (RPA) Missenden Road, Camperdown	(02) 9515 6111
Inner West Council	(02) 9392 5000

1.7 Community notification procedure

In the event of a pollution incident which could impact the community, the White Bay 6 website will be updated, and emails will be provided to community members and the Council.

1.8 Testing of emergency procedure

This plan shall be tested in conformance with the requirements set out in the POEO Act. Testing shall be undertaken at least once a year. Testing shall include a desktop review of the OEMP and a site inspection that includes a review of stored materials, safety equipment, spill kits and spill equipment. FRM-085 Pollution Incident Response Plan Test checklist shall be completed as a record of completion.

1.9 Training

Toolbox meetings are held with personnel on a regular basis. Training in the use of the Emergency Response Plan and procedures is carried out on a regular basis and at least annually by VIVA ENERGY and WB6 employees. Records of emergency response exercises are stored in the Environmental Management System and the Integrated Management System.